

		Atty. Docket No. 1240D3	Serial No. 10/608,486
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)		Applicant Charles B. Greenberg et al.	
		Filing Date June 27, 2003	Group 1731

U.S. PATENT DOCUMENTS

Init.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
<i>[initials]</i>	AA	3,630,796	12/71	Yokozawa et al.			
	AB	4,017,661	4/77	Gillery			
	AC	4,112,142	9/78	Schroder et al.	427	166	
	AD	4,238,276	12/80	Kinugawa et al.			
	AE	4,329,379	5/82	Terneu et al.	427	166	
	AF	4,351,267	9/82	Kalbskopf et al.	118	718	
	AG	4,379,040	4/83	Gillery			
	AH	4,485,146	11/84	Mizubishi et al.			
	AI	4,544,470	10/85	Hetrick			
	AJ	4,751,149	6/88	Viyayakumar et al.	428	702	
<i>[initials]</i>	AK	4,878,934	11/89	Thomas et al.	65	60.52	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No
<i>[initials]</i>	AL	1 523 991	9/78	Great Britain			
<i>[initials]</i>	AM	1 524 326	9/78	Great Britain			
<i>[initials]</i>	AN	2 150 044	6/85	Great Britain			
<i>[initials]</i>	AO	63-100042	5/88	Japan			X
<i>[initials]</i>	AP	0 581 216	2/94	EPO			
<i>[initials]</i>	AQ	0 590 477	4/94	EPO			

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

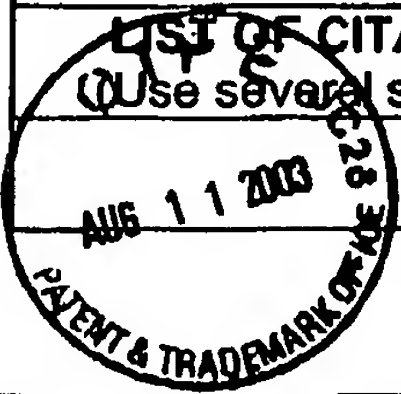
<i>[initials]</i>	AR	J. Papp et al., "Titanium(IV) Oxide Photocatalysts with Palladium", <i>Chem. Mater.</i> 1993, 5, pp. 284-288
<i>[initials]</i>	AS	T. Watanabe et al., "Photocatalytic Activity of TiO ₂ Thin Film Under Room Light", <i>Photocatalytic Purification and Treatment of Water and Air</i> , 1993, pp. 747-751
<i>[initials]</i>	AT	W. Xu et al., "Preparation and Characterization of TiO ₂ Films by a Novel Spray Pyrolysis Method", <i>Mat. Res. Bull.</i> , Vol. 25, (1990), pp. 1385-1392

Examiner <i>[signature]</i>	Date Considered 11/19/04
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[initials] not submitted; not considered

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Exam. Init.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
<i>me</i>	AA	4,888,038	12/89	Herrington et al.			
	AB	4,892,712	1/90	Robertson et al.			
	AC	4,898,789	2/90	Finley			
	AD	4,971,843	11/90	Michelotti et al.	428	34	
	AE	4,997,576	3/91	Heller et al.	210	748	
	AF	5,028,568	7/91	Anderson et al.			
	AG	5,032,241	7/91	Robertson et al.			
	AH	5,035,784	6/91	Anderson et al.			
	AI	5,041,150	8/91	Grundy et al.	65	60/51	
	AJ	5,165,972	11/92	Porter			
<i>me</i>	AK	5,194,161	3/93	Heller et al.	210	748	

FOREIGN PATENT DOCUMENTS

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<i>me</i>	AL	0 684 075	11/95	EPO				
<i>me</i>	AM	0 737 513	10/96	EPO				
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<i>me</i>	AO	97/10185	3/97	PCT				
<i>me</i>	AP	97/10186	3/97	PCT				
<i>me</i>	AQ	0 770 579	5/97	EPO				

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>me</i>	AR	V. Chhabra et al., "Synthesis, Characterization, and Properties of Microemulsion-Mediated Nanophase TiO ₂ Particles", <i>Langmuir</i> , Vol. 11, No. 9 (1995), pp. 3307-3311
<i>me</i>	AS	N. Negishi et al., "Preparation of Transparent TiO ₂ Thin Film Photocatalyst and Its Photocatalytic Activity", <i>Chemistry Letters</i> 1995, pp. 841-842
<i>me</i>	AT	M. Anpo et al., "Photoluminescence and Photocatalytic Activity of Highly-Dispersed Titanium Oxide Anchored onto Porous Vycor Glass", <i>J. Phys. Chem</i> 1985, 89, pp. 5017-5021

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<i>[Signature]</i>	AA	5,256,616	10/93	Heller et al.	502	350	
	AB	5,304,394	4/94	Sauvinet et al.			
	AC	5,308,458	5/94	Urwin et al.	204	157.6	
	AD	5,308,805	5/94	Baker et al.			
	AE	5,342,676	8/94	Zagdoun	428	216	
	AF	5,348,805	9/94	Zagdoun et al.	428	432	
	AG	5,368,892	11/94	Berquier			
	AH	5,389,427	2/95	Berquier			
	AI	5,393,593	2/95	Gulotta et al.	428	220	
<i>[Signature]</i>	AJ	5,478,783	12/95	Higby et al.	4	7	
<i>[Signature]</i>	AK	5,505,989	4/96	Jenkinson	427	166	

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<i>[Signature]</i>	AO	98/06675	2/98	PCT				
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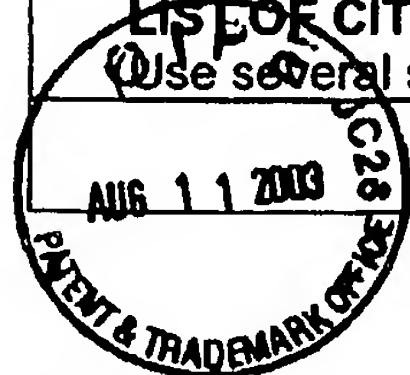
OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[Signature]</i>	AR	K. G. Geraghty et al., "Kinetics of the Reactive Sputter Deposition of Titanium Oxides", <i>Journal of the Electrochemical Society</i> (1976), pp. 1201-1207
<i>[Signature]</i>	AS	Y. Takahashi et al., "Rutile Growth at the Surface of TiO ₂ Films Deposited by Vapour-phase Decomposition of Isopropyl Titanate", <i>J. Chem. Soc., Faraday Trans. 1</i> , 1985, 81, pp. 3117-3125
<i>[Signature]</i>	AT	Y. Takahashi, "Chemical Vapour Deposition of TiO ₂ Film Using an Organometallic Process and its Photoelectrochemical Behaviour", <i>J. Chem. Soc. Faraday Trans. 1</i> , 1981, 77, pp. 1051-1057

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<i>[initials]</i>	AA	5,514,454	5/96	Boire et al.	428	216	
	AB	5,525,406	6/96	Goodman et al.			
	AC	5,547,823	8/96	Murasawa et al.	430	531	
	AD	5,580,364	12/96	Goodman et al.	65	60.2	
	AE	5,595,813	1/97	Ogawa et al.	428	212	
	AF	5,616,532	4/97	Heller et al.	502	242	
	AG	5,618,579	4/97	Boire et al.			
	AH	5,643,436	7/97	Ogawa et al.	205	324	
	AI	5,698,262	12/97	Soubeyrand et al.			
	AJ	5,735,922	4/98	Woodward et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	AK	5,745,291	4/98	Jenkinson	<i>[initials]</i>	<i>[initials]</i>	

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<i>[initials]</i>	AM	00/53538	9/00	PCT				
<i>[initials]</i>	AO	00/69784	11/00	PCT				
<i>[initials]</i>	AP	00/75087	12/00	PCT				
<i>[initials]</i>	AQ	5-253544		Japan	<i>[initials]</i>	<i>[initials]</i>	X	
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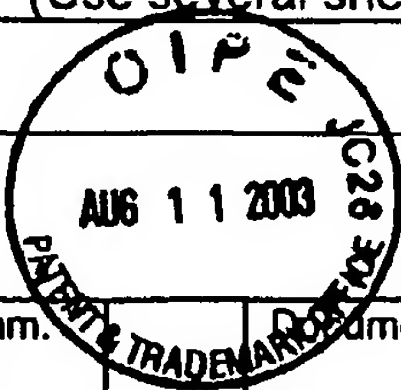
OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[initials]</i>	AR	Y. Takahashi et al., "Electrical and Electrochemical Properties of TiO ₂ Films Grown by Organometallic Chemical Vapour Deposition", <i>J. Chem. Soc. Faraday Trans. 1</i> , 1982, 78, pp. 2563-2571
<i>[initials]</i>	AS	B. Samuneva et al., "Sol-gel processing of titanium-containing thin coatings, Part I Preparation and structure", <i>Journal of Materials Science</i> 28 (1993), pp. 2353-2360
<i>[initials]</i>	AT	C. Trapalis et al., "Sol-gel processing of titanium-containing thin coatings, Part II XPS Studies", <i>Journal of Materials Science</i> 28 (1993), pp. 1276-1282

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U.S. PATENT DOCUMENTS

Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
<i>ju</i>	AA 5,749,931	5/98	Goodman et al.			
	AB 5,751,484	5/98	Goodman et al.			
	AC 5,755,845	5/98	Woodward et al.			
	AD 5,755,867	5/98	Chikuni et al.	106	287.16	
	AE 5,764,415	6/98	Nelson et al.			
	AF 5,773,086	6/98	McCurdy et al.			
	AG 5,853,866	12/98	Watanabe et al.	428	312.8	
	AH 5,854,169	12/98	Heller et al.	502	242	
	AI 5,854,708	12/98	Komatsu et al.	359	512	
<i>ju</i>	AJ 5,869,187	2/99	Nakamura et al.	428	428	
<i>ju</i>	AK 5,939,194	8/99	Hashimoto et al.	428	411.1	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation Yes No
<i>ju</i>	AL 08119673	5/96	Japan			abstract
<i>ju</i>	AM 08164334	6/96	Japan			abstract
<i>ju</i>	AN 08313705	11/96	Japan			abstract
<i>ju</i>	AO 61-91041	5/86	Japan			abstract
<i>ju</i>	AP 61-91042	5/86	Japan			abstract
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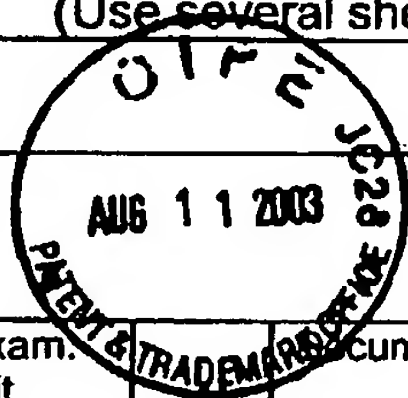
OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>ju</i>	AR	V. Kozhukharov et al., "Sol-gel processing of titanium-containing thin coatings, Part III Properties", <i>Journal of Materials Science</i> 28 (1993), pp. 1283-1288
<i>ju</i>	AS	S. Sitkiewitz et al., "Photocatalytic oxidation of benzene and stearic acid on sol-gel derived TiO ₂ thin films attached to glass", <i>New J. Chem.</i> , 1996, 20, pp. 233-241
<i>ju</i>	AT	G. Colon et al., "Photocatalytic deactivation of commercial TiO ₂ sample during simultaneous photoreduction of Cr(VI) and photooxidation of salicylic acid", <i>Journal of Photochemistry and Photobiology A: Chemistry</i> 138 (2001), pp. 79-85

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AA	5,939,201	8/99	Boire et al.			
AB	5,961,843	10/99	Hayakawa et al.			
AC	5,980,983	11/99	Gordon	427	226	
AD	6,001,462	12/99	Purvis et al.			
AE	6,013,372	1/00	Hayakawa et al.	428	411.1	
AF	6,027,766	2/00	Greenberg et al.	427	226	
AG	6,027,797	2/00	Watanabe et al.	428	312.8	
AH	6,037,289	3/00	Chopin et al.	502	2	
AI	6,045,896	4/00	Boire et al.			
AJ	6,054,227	4/00	Greenberg et al.	428	701	
AK	6,068,914	5/00	Boire et al.			

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	Document No.	Date	Country	Class	Subclass	Translation Yes No
AL	0 636 702	2/95	EPO			
AM	2000-226234	8/00	Japan			X
AN	95/10839	9/95	France			X
AO	302173/1993	11/93	Japan			X
AP	91042/1986	5/86	Japan			X
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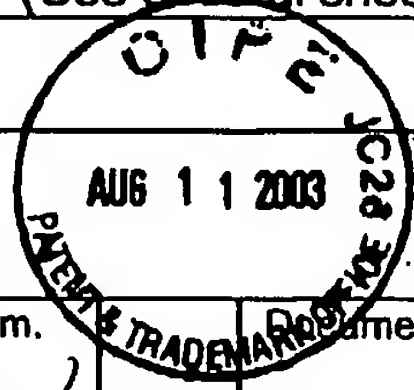
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AR	I. Sopyan et al., "Highly Efficient TiO ₂ Film Photocatalyst, Degradation of Gaseous Acetaldehyde", <i>Chemistry Letters</i> (1994) pp. 723-726
AS	A. Heller, "Chemistry and Applications of Photocatalytic Oxidation of Thin Organic Films", <i>Acc. Chem. Res.</i> (1995), pp. 503-508
AT	Y. Paz et al., "Photooxidative self-cleaning transparent titanium dioxide films on glass", <i>J. Mater. Res.</i> , Vol. 10, No. 11, Nov. 1995, pp. 2842-2848

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<i>SW</i>	AA 6,074,981	6/00	Tada et al.	502	224	
<i>SW</i>	AB 6,090,489	7/00	Hayakawa et al.	428	409	
<i>SW</i>	AC 6,103,360	8/00	Caldwell et al.			
<i>SW</i>	AD 6,103,363	8/00	Boire et al.	428	325	
<i>SW</i>	AE 6,106,955	8/00	Ogawa et al.			
<i>SW</i>	AF 6,165,256	12/00	Hayakawa et al.	106	13	
<i>SW</i>	AG 6,191,062 B1	2/01	Hayakawa et al.	502	159	
<i>SW</i>	AH 6,210,779	4/01	Watanabe et al.			
<i>SW</i>	AI 6,228,480	5/01	Kimura et al.			
<i>SW</i>	AJ 6,238,738 B1	5/01	McCurdy	428	255 19	
<i>SW</i>	AK 6,294,246	9/01	Watanabe et al.			

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OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>SW</i>	AR	H. Tada, "Photoinduced Oxidation of Methylsiloxane Monolayers Chemisorbed on TiO ₂ ", <i>Langmuir</i> 1996 , <i>12</i> , pp. 966-971
<i>SW</i>	AS	Y. Takahashi, "Dip-coating of TiO ₂ films using a sol derived from Ti(O-i-Pr) ₄ -diethanolamine-H ₂ O-i-PrOH system", <i>Journal of Materials Science</i> 23 (1988), pp. 2259-2266
<i>SW</i>	AT	M. Takahashi, "Pt-TiO ₂ thin films on glass substrates as efficient photocatalysts", <i>Journal of Materials Science</i> 24 (1989), pp. 243-246

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<i>AW</i>	AA 6,294,247	9/01	Watanabe et al.			
<i>AW</i>	AB 6,322,881	11/01	Boire et al.			
<i>AW</i>	AC 6,326,079	12/01	Philippe et al.			
<i>AW</i>	AD 6,387,844	5/02	Fujishima et al.			
<i>AW</i>	AE 6,413,581	7/02	Greenberg et al.			
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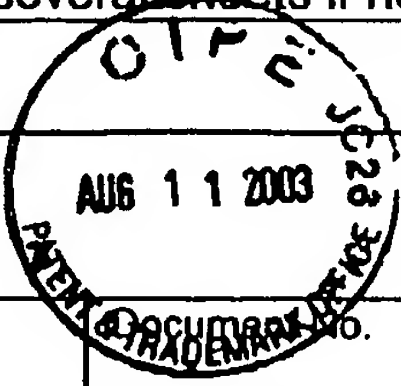
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<i>AW</i>	AR	S. Sato, "Photochemical properties of Ultrathin TiO ₂ Films Prepared by Chemical Vapor Deposition", <i>Journal of Photochemistry and Photobiology, A: Chemistry</i> , 50 (1989) pp. 283-290
<i>X</i>	AS	"Transparent, Photocatalytic TiO ₂ Film Formed on Glass", <i>Japan Chemical Week</i> , December 15, 1994, pps. 1, 2, 4, 8
<i>AW</i>	AT	"Solar Control Glazing News From Glaverbel", <i>Glass</i> , Nov. 1993

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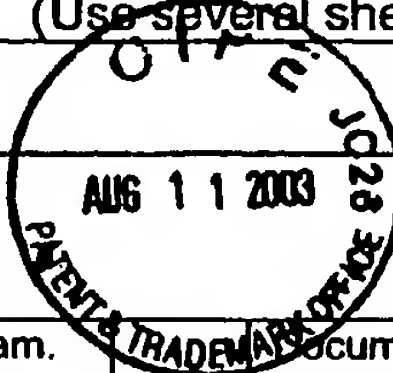
OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

* AR	"SSG Antelio Solar Control Glass", <i>Saint-Gobain Glass Comfort</i>, undated
* AS	Hass, Georg, "Oxide Layers Deposited from Organic Solutions", <i>Physics of Thin Films</i>, 1969, pp. 87 and 105-115, vol. 5, Academic Press, New York and London
 AT	Kamata, Kiichiro et al., "Rapid Formation of TiO ₂ Films by a Conventional CVD Method", <i>Journal of Materials Science, Letters</i> 9, 1990, pp. 316-319, Chapman and Hall Ltd.

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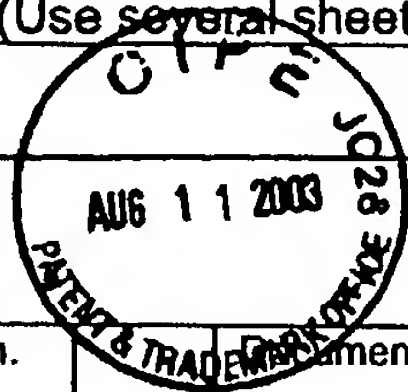
OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Hass, George et al., <i>Physics of Thin Films</i> , vol. 5, Academic Press, New York, 1969, p. 237, pp. 304-406
	AS	Pierson, Hugh O., <i>Handbook of Chemical Vapor Deposition (CVD)</i> , Noyes Publications, Park Ridge, NJ, 1992, pp. 231-237
	AT	Fukayama, S. et al., "Highly Transparent and Photoactive TiO ₂ Thin Film Coated on Glass Substrate", <i>187th Electrochemical Society Meeting, Abstract No. 735, Extended Abstracts 95-1</i> , (available at least by Mar. 1995), pp. 1102-1103

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LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)		Applicant Charles B. Greenberg et al.	
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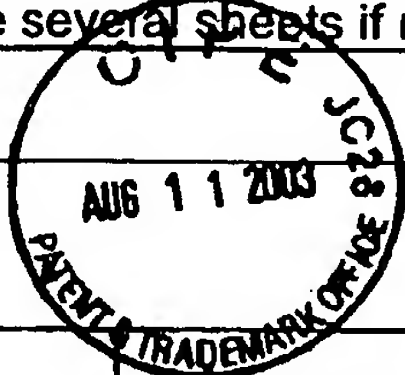
OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<input checked="" type="checkbox"/>	AR	Weinberger, B. R. et al., "Titanium Dioxide Photocatalysts Produced by Reactive Magnetron Sputtering", <i>Appl. Phys. Lett.</i> 66, 1995, pp. 2409-2411
<input checked="" type="checkbox"/>	AS	Kiernan, Vincent, "A Clearer View for Car Drivers", <i>New Scientist</i> , Aug. 26, 1995, p. 19
<input checked="" type="checkbox"/>	AT	U.S. Provisional Patent Application Serial No. 60/040,565 filed March 14, 1997

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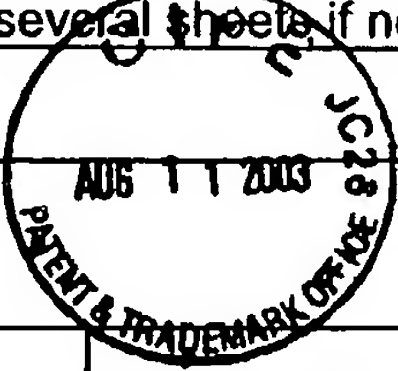
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<i>dm</i>	AS	GlassFAQs, Glass FACTS.com, pg 1-5 No date
*	AT	JP 88-158890, Abstract Only, Derwent JP 860243762, "Glass Article Difficult Soil Coating Thin Titanium Dioxide Coating Contain Platinum@Rhodium Palladium@.

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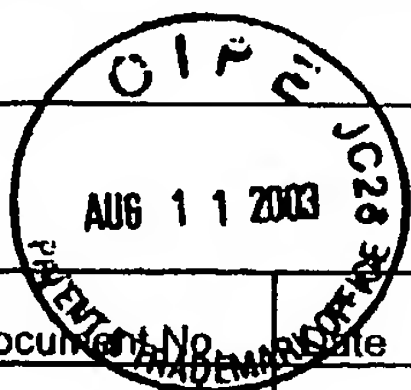
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<i>X</i>	AR	Chemical Abstracts, 116-89812a, Sokolov, et al. "Selective Activation of Smooth Surfaces of Glass and Ceramic Articles Before Chemical Metalization," Abstract only
<i>X</i>	AS	K. Hashimoto et al., TiO ₂ Coated Glass with Self-Cleaning Function, Kagaku To Kogyo (Chemistry and Industry), vol. 48, No. 10, p. 1256-1258 (1995)
<i>X</i>	AT	04/03/00 Letter From Mrs. Colette Ward, Patent Litigation Enquiries, British Library

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<i>ju</i>	AS	H. H. Dunken, Glass Surfaces, Treatise on Materials Science and Technology, Vo. 22, pp. 1-75, 1982
<i>ju</i>	AT	The Japan Times, May 21, 2002, Tuesday, Race for Technology, pp. 2-5, from LexisNexis

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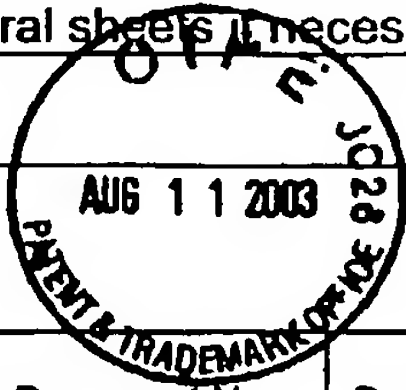
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<i>ju</i>	AR	Yusumori et al., Preparation of TiO ₂ Fine Particles Supported on Silica Gel as Photocatalyst, Journal of the Ceramic Society of Japan, 102 (1994) pp. 702-707
<i>ju</i>	AS	Wold; Photocatalytic Properties of TiO ₂ , Chem. Mater., 1993, 5, pp. 280-283
<i>ju</i>	AT	Bach et al.; Kristallstruktur und Optische Eigenschaften von Dunnen Organogenen Titanoxyd-Schichten Auf Glasunterlagen [Crystal Structure and Optical Properties of Thin Organogenic Titanium Oxide Layers on Glass Substrates], Thin Solid Films 1 (1967/68), pp. 255-276,

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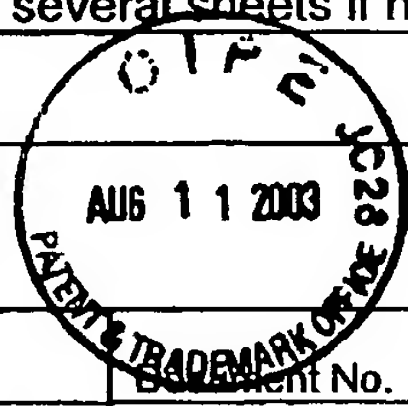
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<i>ju</i>	AR	Meng et al.; The Effect of Substrate Temperature on the Properties of Sputtered Titanium Oxide Films, Applied Surface Science 65/66 (1993) pp. 235-239
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X	AR	A Structural Investigation of Titanium Dioxide Photocatalysts, Bickley et al., Journal of State Chemistry 92, 1991, pp. 178-190
	AS	U.S. Patent Application Serial No. 10/075,316 filed February 14, 2002
	AT	U.S. Provisional Patent Application Serial No. 60/040,566 filed March 14, 1997

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